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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known	
Application Number	10/689,154
Filing Date	October 20, 2003
First Named Inventor	David W. Baarman
Art Unit	
Examiner Name	
Attorney Docket Number	AM1146

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number: Number	Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
RB	A1	US- 2,678,417		05-11-1954	McMath, M.	
RB	A2	US- 3,914,562		10-21-1975	Bolger, J.	
RB	A3	US- 3,938,018		02-10-1976	Dahl, R.	
RB	A4	US- 4,142,178		02-27-1979	Whyte et al	
RB	A5	US- 5,229,652		07-10-1993	Hough, W.	
RB	A6	US- 5,455,466		10-03-1995	Parks et al	
RB	A7	US- 5,703,461		12-30-1997	Minoshima et al.	
RB	A8	US- 5,898,579		04-27-1999	Boys et al.	
RB	A9	US- 5,932,992		08-03-1999	Tomatsu et al.	
RB	A10	US- 6,411,064		06-25-2002	Brink, G.	
RB	A11	US- 6,417,649		07-09-2002	Brink, G.	
RB	A12	US- 6,421,600		07-16-2002	Ross, H.	
RB	A13	US- 2002/0068528		06-06-2002	White, et al.	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document: Office[3]	Number[4]	Kind[5] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]

Examiner Signature		Date Considered	4-14-05

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Sheet 1 of 1

Complete if Known	
Application Number	10/689,154
Filing Date	October 20,2003
First Named Inventor	Baarman et al
Art Unit	2838
Examiner Name	Robert J. Grant
Attorney Docket Number	AM1146

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
RG	A1	US- 5,734,205	03/31/1998	Okamura et al	
RG	A2	US- 6,518,734	02/11/2003	Nourai et al	
RG	A3	US- 2001/0035735	11/01/2001	Fukuoka et al	
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FOREIGN PATENT DOCUMENTS

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RG	B1	FR 2,796,216	01/12/2001	Boutet		

Examiner Signature	RG	Date Considered	4-14-05

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